Attorney Docket: 100337.54074D2
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| **Applicant:** | **MARK ZOLLER ET AL.** |
| **Serial No.:** | **Divisional of U.S. Serial No. 10/179,373 Filed June 26, 2002** **Group Art Unit:** |
| **Filed:** | **December 3, 2003** **Examiner:** |
| **Title:** | **RECOMBINANT METHODS FOR EXPRESSING A FUNCTIONAL SWEET (T1R2/T1R3) TASTE RECEPTOR** |

**Customer No. 23911**

**PRELIMINARY AMENDMENT**

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Prior to examination, kindly cancel all original claims 1-193 and insert the following claims 194-235. The claims are all directed to co-expression of T1R2 and T1R3 nucleic acid sequences in a recombinant host cell. As disclosed in the subject application, the resultant heteromeric T1R2/T1R3 receptor functions as a sweet taste receptor and responds specifically to sweet taste stimuli and sweet taste modulatory compounds, e.g. natural and synthetic sweeteners. Consequently, the subject co-expression methods result in a heteromeric taste receptor (sweet

receptor) that may be used in assays for the identification of natural and artificial sweet enhancers and modulatory compounds.

Amendments to the Specification begin on page 3 of this paper.

Amendments to the Claims are reflected in the listing of claims beginning on page 4 of this paper.

A new Title is identified on page 10.

A new Abstract of the Disclosure is submitted herewith (attached as a separate page to this Preliminary Amendment).

Remarks begin on page 12 of this paper.

**IN THE TITLE:**

Please delete the current title and substitute the following

**TITLE**

- Recombinant Methods for Expressing A Functional Sweet (T1R2/T1R3) Taste Receptor -